ABSTRACT OF THE DISCLOSURE

An information-processing apparatus includes a nonvolatile memory device configured to store firmware. The information-processing apparatus has a first unit for issuing an instruction to make an operating system execute a shutdown process, and to update the firmware, stored in the nonvolatile memory device, after the operating system has completed the shutdown process. The information-processing apparatus also has a second unit, responsive to the instruction to update the firmware, for updating the firmware only after the operating system has completed the shutdown process.